

CITY OF RALEIGH  
SIDEWALK ACCESS RAMPS  
GENERAL NOTES

1. NORTH CAROLINA GENERAL STATUTE 136-44.14 REQUIRES THAT ALL STREET CURBS BEING CONSTRUCTED OR RECONSTRUCTED FOR MAINTENANCE PROCEDURES, TRAFFIC, OPERATIONS, REPAIRS, CORRECTIONS OF UTILITIES OR ALTERED FOR ANY REASON AFTER SEPTEMBER 1, 1973 SHALL PROVIDE SIDEWALK ACCESS RAMPS FOR THE PHYSICALLY HANDICAPPED AT ALL INTERSECTIONS WHERE BOTH CURB AND GUTTER AND SIDEWALKS ARE PROVIDED AND AT THE OTHER POINTS OF PEDESTRIANS FLOW.

IN ADDITION, SECTION 228 OF THE 1973 FEDERAL AID HIGHWAY SAFETY ACT REQUIRES PROVISIONS OF DEPRESSED CURBS ON ANY CURB CONSTRUCTED AFTER JULY 1, 1976 WHETHER A SIDEWALK IS PROPOSED INITIALLY OR IS PLANNED FOR A FUTURE DATE.

THE AMERICANS WITH DISABILITIES ACT (ADA) OF 1990 EXTENDS TO INDIVIDUALS WITH DISABILITIES COMPREHENSIVE CIVIL RIGHTS PROTECTION SIMILAR TO THOSE PROVIDED TO PERSONS ON THE BASIS OF RACE, SEX, NATIONAL ORIGIN AND RELIGION UNDER THE CIVIL RIGHTS ACT OF 1964. THE ADOPTED SIDEWALK ACCESS RAMPS HAVE BEEN DESIGNED TO COMPLY WITH CURRENT ADA STANDARDS.

2. SIDEWALK ACCESS RAMPS SHALL BE PROVIDED AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. SIDEWALK ACCESS RAMPS SHALL BE LOCATED AS INDICATED IN THE DETAIL HOWEVER, THE LOCATION MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER WHERE EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC. AFFECT PLACEMENT. AT ALL LOCATIONS, NOT LESS THAN 2 FEET OF FULL CURB SHALL BE PLACED BETWEEN DOUBLE RAMPS.

DOUBLE WHEELCHAIR RAMPS ARE TO BE INSTALLED AT ALL PUBLIC STREET INTERSECTIONS WHERE SIDEWALK IS REQUIRED. WHEN SIDEWALK IS NOT REQUIRED, CURB IS TO BE DEPRESSED AT ALL RAMP LOCATIONS AS SHOWN ON SHEET 1 OF 4.

3. THE WALKING SURFACE SHALL BE SLIP RESISTANT. COLORS FOR THE DETECTABLE WARNING AREA SHALL BE DARK CHARCOAL GRAY FOR CONTRAST WITH LIGHT PATHWAY COLORS AND LIGHT CONCRETE GRAY FOR CONTRAST WITH DARK PATHWAY COLORS.

4. NO SLOPE ON THE SIDEWALK ACCESS RAMP SHALL EXCEED 0.08 (1:12) IN RELATIONSHIP TO THE GRADE OF THE STREET.

5. IN NO CASE SHALL THE WIDTH OF THE SIDEWALK ACCESS RAMP BE LESS THAN 48" HOWEVER, RAMP MAY EXCEED 48".

6. USE CLASS A (3000 PSI) CONCRETE WITH A SIDEWALK FINISH IN ORDER TO OBTAIN A ROUGH NONSKID SURFACE.

7. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE CONCRETE SIDEWALK ACCESS RAMP JOINS THE CURB AND AS SHOWN ON THE STANDARD DRAWING.

8. SINGLE OR DIAGONAL RAMPS ARE ONLY PERMISSIBLE FOR NEW CONSTRUCTION, AS SHOWN ON SHEET 5 OF 5.

SHEET 4 OF 5

CITY OF RALEIGH PUBLIC WORKS DEPARTMENT		
REVISIONS	DATE: 7/3/00	DRAWN BY: JTB
5/6/04 JTT	SIDEWALK ACCESS RAMPS	
6/2/06 JTT		
1/17/07 WDP		
5/31/07 JTT		
	STD. # 20.11	